

## Commerce and Trade

### Transportation Planning

Gabrielle Bagnasco  
Manager, Chrysler Group Logistics Strategy  
DaimlerChrysler Corporation

---

---

---

---

---

---

---

### Transportation Objectives

- Safe, efficient movement of people, goods and services
- Support of existing infrastructure and funding for expanded capacity
- Integration of technology
- Improvement of U.S. / Canada Border
- Multi-modal connection to a global marketplace

---

---

---

---

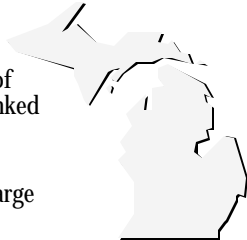
---

---

---

### Michigan and the Automotive Industry

- Historic Link to the Automotive Industry
- Dominated by Manufacturing – 40% of Michigan's economy linked to Transportation Equipment
- Recent growth due in large part to increases in productivity



---

---

---

---

---

---

---

## Automotive Industry

- Productivity Growth means:
  - Inventory reduction
  - More frequent deliveries
  - Higher density
  - Continued implementation of JIT techniques
- Each part, each shipment is increasingly critical
- Shippers less tolerant of delays

Reliable, Consistent Transportation System

---

---

---

---

---

---

---

## Michigan Transportation System

- Support existing infrastructure
  - Ensure availability of existing capacity
  - "Fix it First" Program
  - Identify and resolve significant bottlenecks
  - Plan necessary repairs and maintenance

---

---

---

---

---

---

---

## Michigan Transportation System

- Provide funding for expanded capacity
  - Plan for future economic growth
  - Implement strategically
  - Funding for key highway capacity expansion projects
    - I-75, I-94, I-96, I-69, M-59
  - Improvements in intermodal connections

---

---

---

---

---

---

---

## Michigan Transportation System

- Expand the use of technology
  - Implement intelligent transportation systems
  - Improve traffic management
  - Provide advance notification
  - Reduce congestion and associated delays
    - Increased cost
    - Reduced productivity

---

---

---

---

---

---

---

## Automotive Trade Facts

- 87% of the value of Canadian exports came to the U.S.
- 25% of U.S. exports go to Canada; Two-thirds to Ontario
- One-third of U.S./Canada trade is auto industry related
- Michigan exports \$50 million per year to Canada
- More than 70% of U.S./Canada trade is carried by truck

---

---

---

---

---

---

---

## U.S. / Canada Border

- Half of this two-way trade crosses at either Detroit/Windsor or Port Huron/Sarnia
- Critical link in NAFTA supply chain
- Prioritize short term border improvements



- Facilitate access to the border
- Improve processing times
- Incorporate technology to improve operations

---

---

---

---

---

---

---

## U.S. / Canada Border

- Assume leadership in long-term planning efforts
- Complete bi-national study which will inevitably indicate the need for new or expanded crossings
- Important considerations
  - Redundancy
  - Competition
  - Commercial access
  - Multi-modal capability
  - Location
  - Timing

---

---

---

---

---

---

---

## Global Marketplace

- Michigan is at the center of the global automotive marketplace



---

---

---

---

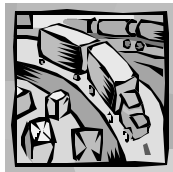
---

---

---

## Global Marketplace

- Invest in multi-modal transportation infrastructure
  - Highways
  - Rail
  - Intermodal
  - Ports
  - Airports
- Ensure access to the region



---

---

---

---

---

---

---

## Automotive Needs

- Long term planning to accommodate growth and ensure consistent, fluid movement of freight
- Government recognition of the importance of transportation infrastructure
- Balance improvements to existing system with future capacity requirements
- Streamline planning and environmental review process to speed up program delivery
- Invest in border crossing infrastructure and intermodal connectivity

DAIMLERCHRYSLER